

ABSTRACT

**CORRELATION KNOWLEDGE AND ACTION ABOUT BACKPACK
SAFETY USAGE WITH BACK PAIN IN ELEMENTARY SCHOOL
STUDENTS IN SDN LEDOK KULON 3 BOJONEGORO**

By: Meviana Dwi Ariyani

Most of the students take the backpack out of the safety standardization. They complain about back pain because of the backpack usage. The lack of knowledge and action about safety backpack usage for students are causing the incorrect usage, so the wrong action for using the backpack is continuously done. The complain about back pain is considered by $\pm 50\%$ of 39 students of 5th and 6th grade in SDN Ledok Kulon 3 Bojonegoro.

Design used in this study was descriptive correlative with cross sectional approached. The population was students of 5th and 6th grade in SDN Ledok Kulon 3 Bojonegoro. Total sample was 36 respondents, taken according to purposive sampling. The independent variable were knowledge and action of safety backpack usage. The dependent variable was back pain. Data were collected by using questionnaire and observation form and analyzed by using Spearman Rho test with level of significance of $\alpha \leq 0,05$.

Result showed that there was no significance between the knowledge of safety backpack usage with action of safety backpack usage ($p = 0,726$), and no significance between the action of safety backpack usage with back pain ($p = 0,657$).

This research can be concluded that the knowledge about backpack safety usage had no correlation with actions about backpack safety usage. Actions about backpack safety usage had no correlation with back pain. Nursing service institution is expected to provide health promotion about backpack safety usage to reduce the incidence of back pain among the students.

Keywords: back pain, backpack safety, knowledge, action